

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 July 2005 (28.07.2005)

PCT

(10) International Publication Number
WO 2005/068548 A1

(51) International Patent Classification⁷: **C08L 23/04, C09D 123/04, B32B 27/32**

(21) International Application Number: **PCT/EP2005/000096**

(22) International Filing Date: 7 January 2005 (07.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 04000533.2 13 January 2004 (13.01.2004) EP

(71) Applicant (for all designated States except US): **BOREALIS TECHNOLOGY OY [FI/FI]**; P.O. Box 330, FIN-06101 Porvoo (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LAIHO, Erkki [FI/FI]**; Kaivantotie 7, FIN-06450 Porvoo (FI). **VÄHÄLÄ, Martti [FI/FI]**; Vakkulankatu 49 A 1, FIN-37150 Nokia (FI). **SAINIO, Markku [FI/FI]**; Myrskyläntie 696, FIN-06100 Porvoo (FI).

(74) Agent: **KADOR & PARTNER**; Corneliusstrasse 15, 80469 Munich (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/068548 A1

(54) Title: EXTRUSION COATING POLYETHYLENE

(57) Abstract: A polymer composition for extrusion coating with good process properties comprising a multimodal high density polyethylene (A) and a low density polyethylene.